VHD-A910 HD Video Conference Camera

Full HD, Full Performance, Wide angle of view

Main Features

- **Real High Definition Image**
  Use 1/2.5 inch, high quality HD CMOS sensor, achieve 1920 x 1080 super high quality video
- **Wide range, high speed and low noise pan/tilt rotation**
  Step motor driving, smooth rotation and user friendly without dithering.Moving to the appointed position quickly and accurately, meanwhile, shooting large area.
- **High definition multiple video output format**
  Offer 1080i/60, 1080i/50,1080p/30, 1080p/25, 720p/60, 720p/50, 720/30 format HD video,
- **With digitial and anolog interfaces**
  Has HD-SDI, HDMI, YPbPr interfaces to support HD analogous and digital video signals.
- **RS-232 remote controller (VISCA protocol)**
  With RS-232C(VISCA protocol) interface, All setting of camera, pan/tilt/zoom can be remote controlled quickly
- **10 preset position**
  10 preset position, preset pan, tilt, zoom, focus position, exposal mode and white balance. Preset data never lost even power is off.
- **10x optical zoom**
  Fast, accurate and stable auto focus lens, 10 x optical zoom ; F1.8-2.2 mechanical shutter.
- **Multi-function remote controller**
  With easy and convenient remote controller, to set the camera parameters and control pan/tilt/zoom.

Technical Specifications

Rotate Specifications		
Pan Rotation		± 100°
Tilt Rotation		± 30°
Manual control speed	Pan speed	0.5° -25° /sec
	Tilt speed	0.5° -25° /sec
Preset control speed	Pan speed	25° /sec
	Tilt speed	25° /sec
Input/Output Interface		
CVBS D Compound Video Output Interface		RCA jack,1Vp-p,75Ω non-balance (unavailable)
HD Interface		HD-SDI, HDMI, YPbPr
Control Signal Interface		8 pin mini DIN
Control Signal Format		Start bit: 1; Data bit: 8; Stop bit: 1; Baud Rate: 9600bps
Power supply Interface		HEC3800 power jack
Electrical Index		
Power Supply Adapter		DC12V/2A
Input voltage		DC12V (DC10.5-DC14V)
Power consumption		18W (max.)
Structure		
Material		Al-alloy, PC plastic
Weight		2KGs
Size (WX H X W)		210x143x140(mm)
Application		For indoor use
Storage Temperature		-10℃ to + 60℃
Working Temperature		0℃ to + 45℃
Camera body color		silver gray or black

Camera and lens Parameters

	VHD–A910–W	VHD–A910S–W	VHD–A910–B	VHD–A910S–B
Image Sensor	1/2.5 inch high quality HD CMOS Sensor			
Pixel	Dynamic Image: 4:3 390,000 effective pixel; 16:9 2,070,000 effective pixel			
	Static Image: 4:3 2,700,000 effective pixel; 16:9 2,100,000 effective pixel			
Video Signal	1080i/60, 1080i/50,1080p/30, 1080p/25, 720p/60, 720p/50, 720/30			
Zoom	10x optical zoom, f = 4.5—45.0mm, F1.8—2.2			
Wide angle lens	0.7x wide angle lens	None	0.7x wide angle lens	None
Angle of view	5.4° (farness) —70° (nearness)	3.8° (farness) —52° (nearness)	5.4° (farness) —70° (nearness)	3.8° (farness) —52° (nearness)
Minimum Lux	10LUX			
White Balance	Auto/ Sunlight/ Cloudy/ Darkness/ Fluorescence multi white balance mode			
Focus	Auto/ Manual			
Iris	Auto/ Manual			
Electroni shutter	Auto			
BLC	Open/Close			
S/N Ratio	>50dB			

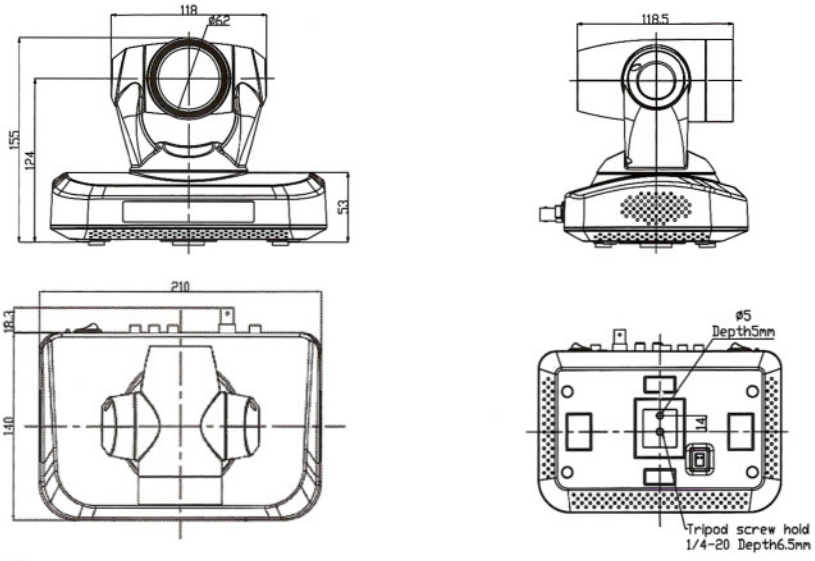
Order Model No.

Model No.	Notes	Power supply	Color
VHD–A910–W	10x optical zoom, 0.7x wide angle lens, silver grey color	DC12V	silver grey
VHD–A910–B	10x optical zoom, 0.7x wide angle lens, black color	DC12V	Black
VHD–A910S–W	10x optical zoom, silver grey color	DC12V	silver grey
VHD–A910S–B	10 x optical zoom, black color	DC12V	Black

Application:

Video conference systems, Telemedicine systems, Tele–education systems and so on.

Dimensional Drawing (Unit: MM)



Net Weight: 1.5KG